

Cowichan Field Naturalists' Club.

Bulletin No. 1.

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An Annotated - -  
Check List of the  
Flowering Plants -  
and Ferns - - - -  
Native and Introduced

GROWING WITHOUT CULTIVATION  
- - - IN THE COWICHAN DISTRICT  
- - - - VANCOUVER ISLAND, B. C.

Compiled by R. Glendenning

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## NOTE.

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The following list is the precursor of a series covering all branches of Natural History which the Club hopes to publish in due course.

This list makes no pretence at being complete, nor in the present chaotic state of botanical nomenclature, will it give satisfaction to all, but it is hoped that it may be helpful to the amateur botanist and be the foundation of a complete list, the result of further researches.

While the author was much inclined to be eclectic in the nomenclature, the list follows that of Henry's Flora of Southern British Columbia, not on account of its accuracy, but on account of that Flora being in most general use.

To Professors John Macoun, J. M. Macoun, and J. Davidson, my thanks are due for their valued assistance in identifying difficult species, and to several members of the Club for kindly bringing to my notice new and uncommon species. To Mr. G. Buchanan Simpson, of Cowichan Lake, I am also indebted for a list of alpine and subalpine species found in that locality and which is incorporated herein.

The district included in this list is a natural one, and may be described roughly as the valleys of the Chemainus, Cowichan and Koksilah Rivers, from Chemainus south to Shawnigan and west to Cowichan Lake.

R. GLENDENNING.

Duncan, B. C.,  
April, 1918.

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### Abbreviations

V. C.	Very Common.	L.	Local.
C.	Common.	S.	Scattered.
F.	Frequent.	R.	Rare.

# Flowering Plants and Ferns

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## FILICES (FERNS)

- Adiantum**  
pedatum L. Maidenhair. Wet rocks. C.
- Asplenium**  
cyclosorum Rupr. Lady-fern. Damp woods. C.
- Botrychium**  
silaifolium Presl. Moonwort. Damp places. S.
- Cheilanthes**  
gracillima D. C. Lip-fern. Sunny rocks, Maple Bay. R.
- Cryptogramma**  
acrostichoides R. Br. Parsley-fern. Mountain tops. L.
- Cystopteris**  
fragilis L. Bladder-fern. Wet rocks. L.  
montana Bernh. Bladder-fern. Rich woods. R.
- Gymnogramme**  
triangularis Kauf. Silver-back. Dry rocks. F.
- Pellea**  
densa Hook. Cliff brake. Sunny rocks. R.
- Phegopteris**  
dryopteris Fee. Oak-fern. Damp woods. L.
- Polypodium**  
vulgare var. occidentale Hook. Polypod. Damp woods. C.
- Polystichum**  
dilatatum Hoff. Broad-fern. Damp woods. F.  
lonchitis Roth. Holly-fern. Cowichan Lake.  
munitum Underw. Sword-fern. Rich woods. C.
- Pteris**  
aquilina L. Bracken. Abundant.
- Struthiopteris**  
spicant L. Hard fern. Damp woods. L.

## EQUISETACEAE (HORSETAILS)

- Equisetum**  
arvense L. Horsetail. Damp fields. C.  
hyemale L. Scouring rush. Wet places. L.  
telmateia Ehrh. Great horsetail. Wet places. C.

## SELAGINELLACEAE

- Selaginella**  
rupestris L. Sunny rocks. C.

## LYCOPODIACEAE (CLUB MOSSES)

- Lycopodium**  
clavatum L. Mount Sicker, 2,000 feet. L.  
lucidum L. Cowichan Lake.  
selago L. Cowichan Lake.

## TAXACEAE (YEW FAMILY)

- Taxus**  
brevifolia Nutt. Yew. By streams. F.

**CONIFERAE (FIR FAMILY)****Abies**

*amabilis* Forbs. Mt. Balsam. Mt. Brenton, 3,000 feet S.  
*grandis* Lindl. Balsam. Lowlands. C.

**Chamaecyparis**

*nootkatensis* Spach. Cypress. Mt. Brenton. 3,000 ft. S.

**Juniperus**

*communis* var. *sibirica* Rybd. Juniper. Cowichan Lake.  
*scopulorum* Sarg. Juniper. Rocks by sea. S.

**Picea**

*sitchensis* Carr. Spruce. Bottom lands. C.

**Pinus**

*contorta* Dougl. Scrub pine. Bogs and gravel ridges. F.  
*monticola* Dougl. White pine. Mountain woods. S.

**Pseudotsuga**

*mucronata* Raf. Douglas fir. Abundant throughout.

**Thuja**

*plicata* Donn. Cedar. Lowlands. C.

**Taxus**

*heterophylla* Sarg. Hemlock. Lowlands. C.  
*mertensiana* Carr. Mt. Hemlock. Mt. Brenton. S.

**TYPHACEAE (CAT-TAIL FAMILY)****Typha**

*latifolia* L. Cat tail. Lake margins. C.

**SPARGANIACEAE (BUR-REED FAMILY)****Sparganium**

*simplex* Huds. Wet places. F.

**NAIADACEAE (POND-WEED FAMILY)****Potamogeton**

*americanus* C. & S. Pondweed. Outlet, Somenos Lake. S.  
*epiphydrus* Raf. Pondweed. Quamichan Lake. F.  
*heterophyllus* Schreb. Pondweed. Quamichan Lake. L.  
*natans* L. Lakes and streams. C.  
*praelongus* Wulf. Lakes and streams. F.  
*pusillus* L. Lakes and streams. F.  
*Richardsonii* Rybd. Quamichan Lake. L.  
*Robbinsii* Oaks. Lakes. L.  
*zosterifolius* Schum. Lakes. F.

**Zostera**

*marina* L. Eel grass. Marine. F.

**JUNCAGINACEAE (ARROW-GRASS FAMILY)****Triglochin**

*maritima* L. Arrow grass. Marshes, Cowichan Bay. F.

**ALISMACEAE (WATER PLANTAIN FAMILY)****Alisma**

*plantago-aquatica*. Water plantain. Ditches, Cow. Bay. F.

**GRAMINEAE (GRASS FAMILY)****Agrostis**

*alba* L. Red top. Introduced. C.  
*microphylla* Steud. Open places. S.

**Aira**

caryophyllea L. Hair grass. Introduced. F.

**Alopecurus**

geniculatus var. aristulatus Munro. Wet places. C.  
pratensis L. Fox-tail. Introduced. C.

**Avena**

fatua L. Wild oat. Introduced. S.

**An.hoxanthum**

odoratum L. Sweet vernal grass. Introduced. F.

**Bromus**

carinatus H. & A. Brome grass. Open woods. F.  
eximus Piper. Brome grass. Open woods. F.  
var. robustus Shear. With the type.  
Hookerianus Thurb. Brome grass. Open woods. S.  
hordaceus L. Chess. Introduced. Dry ground. C.

**Cynosurus**

cristatus L. Dog's tail. Introduced. S.

**Dactylis**

glomerata L. Orchard grass. Introduced. C.

**Danthonia**

americana Scrib. Oat grass. Open places. L.

**Deschampsia**

elongata Munro. Hair grass. Open places. L.

**Distichlis**

spicata Gr. Salt grass. Salt marshes. C.

**Elymus**

glaucus Buch. Wild rye. Dry woods. F.

**Festuca**

elatior L. Meadow fescue. Introduced. S.  
myuros L. Introduced. L.  
occidentalis Hook. Dry slopes. F.  
ovine L. Sheep fescue. Introduced. F.  
rubra L. Introduced. F.

**Glyceria**

borealis Nash. Manna grass. In water. F.  
nervata var. elata Nash. Wet places. S.  
pauciflora Presl. Wet places. C.  
septentrionalis Hitch. In water. F.

**Hierochloe**

odorata Walen. Holy grass. Salt marshes. L.

**Holcus**

lanatus L. Yorkshire fog. Introduced. V. C.

**Hordeum**

jubatum L. Squirrel-tail. Introduced. C.  
nodosum L. Open places. F.

**Koeleria**

cristata Pers. Shining spike grass. Dry slopes. L.

**Lolium**

perenne L. Rye grass. Introduced. C.  
multiflorum L. Italian rye grass. Introduced. S.

**Melica**

Hartfordii Bol. Melic grass. Fir woods. F.  
subulata Scrib. Open woods. L.

**Panicum**

Scribnerianum Nash. Panic grass. Grassy banks. L.

**Phalaris**

arundinacea L. Reed canary grass. Somenos Lake. L.

**Phleum**

pratense L. Timothy. Introduced. C.

**Phragmites**

communis Tris. Reed grass. By lakes. F.

**Poa**

annua L. Spear grass. Introduced. C.  
compressa L. Blue grass. Introduced. S.  
nevadensis Vasey. Dry slopes. L.  
pratensis L. June grass. Introduced. C.  
triflora Gilib. Wet places. F.

**Setaria**

Italica Beauv. Milet. Introduced. S.

**Stipa**

viridula Trin. Feather grass. Dry slopes. F.

**Trisetum**

canescens Buch. False oat. Dry slopes. F.  
cernuum Trin. False oat. Dry slopes. L.  
spicatum Rich. False oat. Dry slopes. L.

**CYPERACEAE (SEDGE FAMILY)****Carex**

athrostachya Olney. Wet places. F.  
acutina Bailey. By Cowichan River. L.  
brunescens Poir. Wet places. F.  
canescens L. Wet places. C.  
cryptocarpa Meyer. Salt marshes. L.  
decidua Boott. Wet places. S.  
dives Holm. Wet places. C.  
echinata Willd. Bogs. L.  
festiva Dewey. Wet places. C.  
flava var. rectorostrata Bailey. Wet places. L.  
Hendersoni Bailey. Damp woods. S.  
lasiocarpa Ehrh. By Solly's Lake. L.  
oederi Retz. Bogs. L.  
pennsylvanica var. vespertina Howell. Dry slopes. F.  
rostrata Stokes. Lake sides. F.  
sitchensis Bong. Swamps. C.  
stipata Muhl. Wet places. C.  
Tolmiei Boott. Sand by Cowichan River. L.

**Dulichium**

spathaceum L. Margin of lakes. C.

**Eleocharis**

palustris. Spike rush. Wet places. C.

**Eriophorum**

chamissonis Mey. Cotton grass. Bogs. F.

**Rynchospora**

alba Vahl. Bogs. S.

**Scirpus**

microcarpus Presl. Swamps. F.  
validus Vahl. Bulrush. By lakes. C.

**ARACEAE (ARUM FAMILY)****Lysichiton**

kamtshatcense Schott. Skunk cabbage. Wet places. C.



**LEMNACEAE (DUCKWEED FAMILY)****Lemna**

minor L. Duckweed. Somenos Lake. F.

**JUNCACEAE (RUSH FAMILY)****Juncus**

Colvillei Piper. Rush. Sand by Chemainus River. L.  
effusus var. brunneus Englm. Wet places. C.  
ensifolius Wiks. Wet places. C.

**Luzula**

campestris L. Wood rush. Clearings. C.  
parviflora Desv. Wood rush. Damp places. F.

**LILIACEAE (LILY FAMILY)****Allium**

acuminatum Hook. Onion. Rocky woods. L.  
attenuifolium Kellog. By shore Maple Bay. R.  
cernuum Roth. Rocky woods. F.  
crenulatum Wiegand. Cowichan Lake.

**Brodiaea**

Douglasii Wats. "Hyacinth". Oakwoods, Quamichan.  
grandiflora Smith. Rocky woods. L. V. R.  
lactea Wats. Dry woods by sea. L.

**Camassia**

Leichlinii Wats. Camas. Open woods. F.  
quamash Greene. Open woods. L.

**Clintonia**

uniflora Kunth. Queen cup. By Cowichan River. R.

**Disporium**

oreganum B. & H. Fairy bells. Moist woods. S.

**Erythronium**

grandiflorum vars. Easter Lily.  
albiflorum Hook. Rocky woods. C.  
parviflorum Wats. Alpine Mount Prevost. L.  
Smithii Hook. (Pink form.) By Cowichan River. L.

**Fritillaria**

kamtschatense Ker. Fritillary. Salt marshes Cow. Bay. R.  
lanceolata Pursh. Rocky banks. F.  
pudica Spreng. Cowichan Lake.

**Lilium**

parviflorum Holtz. Tiger lily. Damp clearings. F.

**Maianthemum**

bifolium var.  
kamtschaticum. Lily of the valley. Damp woods. F.

**Smilacina**

recemosa Desf. False Solomon's Seal. Stream sides. L.  
sessilifolia Nutt. False Solomon's Seal. Damp woods. L.

**Stenanthium**

occidentale Gray. Mountain bells. Wet cliffs. L.  
streptopoides F. & R. Cowichan Lake.

**Streptopus**

amplexifolius D. C. Twisted stalk. Damp woods. L.

**Tofieldia**

intermedia Ryb. False Asphodel. Bogs. L.

**Trillium**

ovatum Pursh. Wood lily (Wake-robin). Damp woods. C.

**Veratrum**

viride Ait. Hellebore. Bottom lands. F.

**Zygadenus**

venenosus Wats. Poison camas. Dry, rocky woods. L.

**IRIDACEAE (IRIS FAMILY)****Sisyrinchium**

idahoense. Blue-eyed grass. Damp, grassy places. L.

**ORCHIDACEAE (ORCHID FAMILY)****Calypso**

bulbosa Oaks. Lady slipper. Mossy woods. F.

**Corallorhiza**

mertensiana Bong. Coral root. Fir woods. R.

multiflora Nutt. Fir woods. F.

striata Lindl. Fir woods. L.

(*Cypripedium montanum* Dougl. Lady Slipper, reported to have been frequent near Duncan years ago, not found lately.)

**Goodyera**

Menziesii Lindl. Rattlesnake plantain. Under firs. F.

**Habenaria**

elegans Lindl. Rein orchid. Dry woods. L.

gracilis Wats. By springs. L.

leucostachys Wats. Wet places. F.

Micheali Greene. Dry woods. V. L.

unalaskensis Wats. Mount Tzouhalem. R.

viridiflora Rydb. Mount Brenton. R.

**Listera**

caurina Piper. Tway blade. Cowichan Lake.

convallarioides Torr. Under hemlocks, Mount Prevost.

nephrophylla Rydb. Fir woods. S.

**Spiranthes**

romanzoffiana Cham. Lady's tresses. Open places. F.

**SALICACEAE (WILLOW FAMILY)****Populus**

tremuloides Michx. Aspen. Damp places. F.

trichocarpa T. & G. Poplar. Damp places. F.

**Salix**

Geyeriana Anderson. Willow. Swamps. L.

Hookeriana Barret. Willow. Wet places. F.

lasiandra Benth. Willow. Wet places. C.

melanopsis Nutt. Willow. Sahltam River bottom. R.

Scouleriana Barrat. Willow. Wet places. V. C.

sitchensis Bong. Willow. By streams. C.

**MYRICACEAE****Myrica**

Gale L. Sweet Gale. Lake margins. V. C.

**BETULACEAE (BIRCH FAMILY)****Alnus**

rubra Bong. Alder. Wet places. V. C.

sitchensis Sarg. Alder. Wet places, Cowichan Lake.



**Corylus**

*californica* Rose. Hazel. Alluvial lands, Cowichan River.

**FAGACEAE (BEECH FAMILY)****Quercus**

*Garryana* Dougl. Oak. Warm situations. F.

**URTICACEAE****Urtica**

*Lyallii* Wats. Nettle. Damp places. C.

**ARISTOLOCHIACEAE****Asarum**

*caudatum* Lindl. Ginger. Moist woods. S.

**POLYGONACEAE (DOCK FAMILY)****Polygonum**

*aviculare* L. Knotweed. Introduced.  
*convolvulus* L. Bindweed. Introduced.  
*Douglasii* Greene. Gravel. Cowichan River. L.  
*lineare* Hooh. Gravel. Cowichan River. L.  
*minimum* Wats. Mossy rocks. Mt. Prevost, 2,600 ft. R.  
*Persicaria* L. Introduced. C.  
*spergulariforme* Meisn. Gravel. Cowichan River. L.

**Rumex**

*acetosella* L. Sorrel. Introduced. V. C.  
*martimus* var. *fueginus* Duser. By Somenos Lake. V. C.  
*occidentalis* Wats. Dock. Salt marshes. F.  
*salicifolius* Wein. Damp places. L.

**CHENOPODIACEAE****Chenopodium**

*album* L. Lamb's quarters. Introduced. V. C.

**Salicornia**

*ambigua* Michx. Glass wort. in mud, Cowichan Bay. C.

**AMARANTHACEAE (PIGWEED FAMILY)****Amaranthus**

*retroflexus* L. Pigweed. Introduced. C.

**CARYOPHYLLACEAE (PINK FAMILY)****Arenaria**

*macrophylla* Hooh. Sand wort. Open woods. F.  
*tenella* Nutt. Sunny banks. L.  
*serpyllifolia* L. Introduced. F.

**Cerastium**

*arvense* L. Mouse ear, chickweed. Stony banks. F.  
*vulgatum* L. Introduced. C.

**Sagina**

*occidentalis* Green. Pearl wort. Moist places. L.

**Saponaria**

*Vaccaria* L. Soap wort. Introduced. L.

**Silene**

- antirrhina* L. Campion. Sunny slopes, Tzouhalem.  
*gallica* L. Introduced. L.  
*latifolia* B. & R. Introduced. L.  
*Menziesii* Hook. Sand. Cowichan River. L.

**Spergula**

- arvensis* L. Corn spurrey. Introduced.

**Stellaria**

- borealis* var. *alpestris* Brit. Chickweed. Moist places. L.  
*media* L. Introduced. V. C.

**PORTULACACEAE****Calandrinia**

- caulescens* H. B. K. Grassy banks. Tzouhalem. L.

**Lewisia**

- columbiana* Rob. Bitter-root. Cowichan Lake.

**Montia (Claytonia)**

- fontana* L. Spring Beauty. Ditches. L.  
*linearis* Dougl. Damp fields. C.  
*parviflora* Torr. Damp fields. C.  
*parvifolia* Dougl. Wet rocks. S.  
*perfoliata* Donn. Damp places. C.  
*sibirica* L. Open woods. C.

**NYMPHACEAE (WATER-LILY FAMILY)****Brasenia**

- Schreberi* Gmel. Water shields. Stagnant ponds. V. L

**Nymphaea**

- polysepala* Greene. Pond lily. Lakes. C.

**RANUNCULACEAE (BUTTERCUP FAMILY)****Actaea**

- arguta* Nutt. Baneberry. Open woods. S.

**Anemone**

- Lyallii* Brit. Windflower. Moist woods. F.  
*multifida* Poir. Windflower. Rocks. Chemainus. R.

**Aquilegia**

- formosa* Fisch. Columbine. Open woods. F.

**Caltha**

- biflora* D. C. Marsh marigold. Cowichan Lake.  
*leptosepala* D. C. Marsh marigold. Cowichan Lake.

**Delphinium**

- Menziesii* D. C. Larkspur. Open woods. F.

**Ranunculus**

- acris* L. Buttercup. Introduced.  
*aquatilis* L. Small streams. C.  
*Bongardii* Greene. Damp places. C.  
*occidentalis* Nutt. Grassy banks. C.  
*orthorhynchus* Hook. Wet fields. F.  
*repens* L. Wet places. C.  
*reptans* L. Wet places. F.

**Thalictrum**

- occidentale* Gray. Meadow rue. Stream sides. S.

**Trautvetteria**

- grandis* Nutt. Stream sides. L.

**Trollius**

- laxus* Salisb. Globe flower. Cowichan Lake.

**BERBERIDACEAE (BARBERRY FAMILY)****Achlys**

triphylla D. C. May leaves. Fir woods. C.

**Berberis**

aquifolium Pursh. Mahonia. Gravelly woods. S.  
nervosa Pursh. Oregon grape. Fir woods. C.

**PAPAVERACEAE (POPPY FAMILY)****Plastystigma**

oreganum Wats. Shaly banks. Tzouhalem. V. L.

**FUMARIACEAE****Dicentra**

formosa D. C. Bleeding heart. Rich woods. F.

**CRUCIFERAE (CABBAGE FAMILY)****Arabis**

Breweri Wats. Grassy ledges. Tzouhalem. V. R.  
glabra Berk. Tower mustard. Introduced.  
hirsuta Scop. Rocky places. L.

**Brassica**

arvensis L. Charlock. Introduced. V. C.  
campestris L. Mustard. Introduced. V. C.

**Capsella**

bursa-pastoria L. Shepherd's purse. Introduced. V. C.

**Cardamine**

angulata Hook. Bitter cress. Wet places. L.  
hirsuta L. Introduced.  
oligosperma Nutt. Wet places. L.

**Dentaria**

tenella Pursh. Tooth wort. Damp woods. C.

**Draba**

verna L. Gravelly places. Introduced.

**Erysimum**

elatum Nutt. Cowichan Lake.

**Lepidium**

Menziesii D. C. Pepper grass. Gulf shores. R.

**Radicula**

Armoracia L. Horseradish. Introduced.  
curvisiliqua Hook. Damp places. F.

**Subularia**

aquatica L. Awlwort. Margin of Quamichan Lake. L.

**Thlaspi**

arvense L. Penny cress. Introduced. S.

**Thysanocarpus**

curvipes. Lace pod. Rocky banks. Quamichan. L.

**Sisymbrium**

altissimum L. Tumble mustard. Introduced. L.  
officinale L. Hedge mustard. Introduced.

**DROSERACEAE (SUNDEW FAMILY)****Drosera**

rotundifolia L. Sundew. Bogs. C.

## CRASSULACEAE

**Sedum**

- Douglasii* Hook. Stonecrop. Rocks by sea. L.  
*spatulifolium*. Rocks. C.  
*stenopetalum*. Rocks. Cowichan Lake. L.

## SAXIFRAGACEAE (SAXIFRAGE FAMILY)

**Boykinia**

- occidentalis* T. & G. Rocks by Cowichan River. L.

**Heuchera**

- cylindrica* Dougl. Alum root. Open woods. S.  
*glabra* Willa. Cowichan Lake.  
*micrantha* Dougl. Rocks. F.

**Leptarrhena**

- amplexifolia* Ser. Pear leaves. Mt. Brenton, 3,500 ft. R.

**Mitella**

- caulescens* Nutt. Mitrewort. By streams. R.  
*ovalis* Greene. By streams. R.

**Parnassia**

- fimbriata* Banks. Grass of Parnassus. Wet rocks.  
 Chemainus River. V. R.

**Philadelphus**

- Lewisii* Pursh. Mock orange. By creeks. F.

**Ribes**

- bracteosum* Dougl. Currant. By streams. F.  
*divaricatum* Dougl. By streams. F.  
*lacustre* Poir. By streams. R.  
*Lobbii* Gray. Dry woods. C.  
*sanguineum* Pursh. Rocky woods. C.

**Saxifraga**

- arguta* Don. Saxifrage. Cowichan Lake.  
*Bongardi* Presl. Sunny rocks. Mt. Prevost, 2,600 ft. L.  
*bronchialis* L. Cowichan Lake.  
*caespitosa* L. Mossy rocks. Tzouhalem Mount.  
*cernua* L. Cowichan Lake.  
*integrifolia* Hook. Grassy banks. F.  
*Mertensiana* Bong. Wet rocks. Cowichan River.  
*Nelsonia* Don. Cowichan Lake.  
*occidentalis* Grey. Wet rocks. Tzouhalem Mount. R.  
*rufidula* Small. Cowichan Lake.  
*Tolmiei* T. & G. Cowichan Lake.

**Tellima**

- grandiflora* R. Rr. Fringe cup. Damp woods. S.  
*tenella* Walp. Grassy banks. S.

**Tiarella**

- laciniata* Hook. Foam flower. By streams. In mountains. R.  
*trifoliata* L. In fir woods. V. C.

**Tolmiea**

- Menziesii* Pursh. Damp woods. F.

## ROSACEAE (ROSE FAMILY)

**Amelanchier**

- Cusickii* Fer. June berry. Open woods. C.  
*florida* Lindl. June berry (flowers later). L.

- Aruncu.**  
*sylvester* Kost. Goat's beard. By streams. L.
- Crataegus**  
*Douglasii* Lindl. Hawthorn. Bottom lands. F.
- Fragaria**  
*bracteata* Heller. Strawberry. Sunny banks. F.  
*cuneifolia* Nutt. Sunny places. C.
- Geum**  
*macrophyllum* Wild. Open places. F.
- Neillia (Physocarpus)**  
*opulifolia* B. & W. Nine bark. By streams. F.
- Nuttallia**  
*cerasiformis* T. & G. Indian cherry. Damp woods. C.
- Potentilla**  
*anserina* L. Silverleaf. Ditches, Cowichan Bay. F.  
*glandulosa* Lindl. Gravel by Cowichan River. L.  
*Monspeliensis* L. By Keatings Lake. R.  
*palustris* Scop. Marsh cinquefoil. Lake margins. C.
- Prunus**  
*demissa* Walp. Choke cherry. Cowichan Bay. R.  
*emarginata* Walp. Choke cherry. Bottom lands. C.
- Pyrus**  
*rivularis* Dougl. Crab apple. Bottom lands. C.  
*sitchensis* Piper. Mountain ash. Rocky bluffs. L.
- Rosa**  
*gymnocarpa* Nutt. Wild rose. Open woods. S.  
*Nutkana* Presl. Wild rose. Wet places. C.  
*pisocarpa* Gray. Wild rose. Wet places. L.
- Rubus**  
*lasiococcus* Gray. Cowichan Lake.  
*leucodermis* Dougl. Black raspberry. Open woods. F.  
*macropetalus* Dougl. Blackberry. Clearings. V. C.  
*nivalis* Dougl. Cowichan Lake.  
*parviflorus* Nutt. Thimble berry. Open places. F.  
*pedatus* Smith. Mount Brenton, 3,000 feet.  
*spectabilis* Pursh. Salmon berry. By streams. C.
- Sanguisorba**  
*annua* Nutt. Burnet. Open places. L.
- Spiraea**  
*discolor* Pursh. Spiraea. Dry woods. C.  
*Douglasii* Hook. Tea brush. Swamps. V. C.  
*pectinata* T. & G. Cowichan Lake.

## LEGUMINOSAE (PEA FAMILY)

- Hosackia**  
*parviflora* Benth. Gravelly banks. L.
- Lathyrus**  
*Nuttallii* Wats. Pea vine. Open woods. C.  
*palustris* L. Pea vine. Salt marshes. L.
- Lupinus**  
*bicolor* Lindl. Lupine. Sunny banks. L.  
*polyphyllus* Lindl. Open woods. F.
- Psoralea**  
*physodes* Dougl. Devil's shoe string. Open woods. F.

**Trifolium**

- cyanthiferum* Lindl. Clover. Rocks, Chemainus River. L.  
*fimbriatum* Lindl. Wet places. F.  
*hybridum* L. Alsike. Introduced. S.  
*microcephalum* Pursh. Sunny banks. L.  
*pratense* L. Red clover. Introduced. C.  
*procumbens* L. Hop clover. Introduced. C.  
*repens* L. White clover. Introduced.  
*tridentata* Lindl. Sunny banks. L.

**Vicia**

- americana* Muhl. Vetch. Open places. C.  
 var. *angustifolia* Nees. Open places. L.  
 var. *truncata* Muhl. Open places. L.  
*gigantea* Hook. Woods by sea. L.

**GERANIACEAE (GERANIUM FAMILY)****Erodium**

- cicutarium* L. Crane's bill. Grassy banks. (Possibly introduced.) C.

**Geranium**

- dissectum* L. Stork's bill. Introduced. S.  
*molle* L. Stork's bill. Introduced. S.  
*pusillum* L. Stork's bill. Introduced. C.

**CALLITRICHACEAE****Callitriche**

- heterophylla* Pursh. Still waters. L.

**EMPETRACEAE****Empetrum**

- nigrum* L. Crowberry. Bogs. L.

**CELASTRACEAE****Pachystima**

- myrsinites* Raf. False box. Dry woods. L.

**ACERACEAE (MAPLE FAMILY)****Acer**

- glabrum* Torr.  
*macrophyllum* Pursh. Broad-leaved maple. Moist places. C.

**RHAMNACEAE (BUCKTHORN FAMILY)****Ceanothus**

- sanguineus* Pursh. Snow brush. Rocky woods. R.

**Rhamnus**

- Purshiana* D. C. Cascara. Bottom lands. F.

**MALVACEAE****Sidalcea**

- Hendersonii* Wats. Marsh hollyhock. Salt marshes. R.

**HYPERICINEAE****Hypericum**

- anagalloides* C. & S. St. John's wort. Wet places. F.  
*Scouleri* Hook. St. John's wort. Lake margins, etc. L.

**VIOLACEAE (VIOLET FAMILY)****Viola**

- adunca* Smith. Open places. C.  
*glabella* Nutt. Damp woods. C.  
*palustris* var. *leimonia* V. N. Wet places. S.  
*Nuttallii* var. *praemorsa* Dougl. Oak woods. L.  
*sempervirens* Greene. Fir woods. F.

**CACTACEAE****Opuntia**

- polyacantha* Haw. var. *borealis*. Cactus. Rocks by sea. L.

**ELEAGNACEAE (OLEASTER FAMILY)****Shepherdia**

- canadensis* Nutt. Dry woods. S.

**HALORAGIDACEAE****Hippuris**

- vulgaris* L. Mares tail. Somenos Lake. L.

**Myriophyllum**

- sicatum* L. Water milfoil. Somenos Lake. R.

**ONAGRACEAE****Circea**

- pacifica* Arch. Creek beds. S.

**Clarkia**

- pulchella* Pursh. Fields. Somenos. (Possibly introduced)

**Epilobium**

- angustifolium* L. Fireweed. Clearings. V. C.  
*franciscanum* Bar. Damp places. F.  
*luteum* Pursh. Cowichan Lake.  
*minutum* Lindl. Open places in mountains.  
*paniculatum* Nutt. Gravelly banks. F.

**Godetia**

- caurina* Abrams. Dry woods by sea. S.  
*tenella* Wats. Sunny banks. Tzouhalem Mountain. R.

**Ludvigia**

- palustris* Ell. Water purslane. Margin of Quamichan Lake. F.

**UMBELLIFERAE (PARSLEY FAMILY)****Angelica**

- geniflexa* Nutt. Wet places. V. L.

**Carum**

- Gairdneri* Gray. Caraway. Open places. S.

**Caucalis**

- microcarpa* H. & A. Sunny banks. Tzouhalem Mt. R.

**Cicuta**

- Douglasii* C. & R. Poison parsnip. Lake sides, etc. F.

**Daucus**

- pusillus* Michx. Wild carrot. Sunny slopes. Gulf. R.

**Heracleum**

- lanatum* Michx. Cow parsnip. Wet places. F.

**Leptotaenia**

- dissecta* Nutt. Oak woods. R.



**Lilaeopsis**

occidentalis C. &amp; R. Salt marshes. L.

**Oenanthe**

sarmentosa Presl. Water parsley. Streams. V. C.

**Osmorrhiza**

divaricata Nutt. Sweet Cicely. Open woods. F.

**Peucedanum (Lomatium)**

leiocarpum Nutt. Hog fennel. Gravel. Sahtlam. L.

triternatum C. &amp; R. Tzouhalem Mountain. R.

utriculatum Nutt. Rocky banks. F.

**Sanicula**

bipinnatifida Dougl. Sanicle. Sunny banks. Gulf. R.

Menziesii H. &amp; A. Open dry woods. L.

septentrionalis Greene. Open woods. F.

**Sium**

cicutae-folium Gmel. Lake sides. F.

**ARALIACEAE (GINSENG FAMILY)****Fatsia**

horrida B. &amp; H. Devil's club. Wet woods in mount'ns. F.

**CORNACEAE (DOGWOOD FAMILY)****Cornus**

canadensis L. Bunch berry. Open woods. Mount

Brenton, 3,000 feet.

Nuttallii T. &amp; C. Dogwood. Warm situations. F.

pubescens Nutt. Red Osier Dogwood. Swamps. F.

**ERICACEAE (HEATH FAMILY)****Arctostaphylos**

media Greene. Bearberry. Cowichan Lake. L.

tomentosa Dougl. Dry hillsides. L.

Uva-ursi Spreng. Gravel slopes. L.

**Arbutus**

Menziesii Pursh. Madrona. Dry hillsides. F.

**Cassiope**

Mertensiana Don. Moss heather. Cowichan Lake. F.

**Chimaphila**

Menziesii Spreng. Prince's Pine. Dry woods. S.

umbellata Nutt. Dry woods. F.

**Cladothamnus**

pyrolae-florus Bong. Copper bush. Cowichan Lake.

**Gaultheria**

ovalifolia Gray. Tea berry. Cliffs. Chemainus River. R.

shallon Pursh. Salal. Fir woods. V. C.

**Kalmia**

polifolia Wang. Bogs. L.

**Ledum**

latifolium. Labrador tea. Bogs. F.

**Menziesia**

ferruginea Smith. By Chemainus River. R.

**Moneses**

uniflora Gray. One-flowered pyrola. Cowichan Lake.

**Oxycoccus**

*palustris* Pers. Cranberry. Bogs. F.

**Pyrola**

*aphylla* Smith. Winter green. Fir woods. R.

*asarifolia* Michx. Fir woods. C.

*chlorantha* Swartz. Fir woods. S.

*bracteata* Hook. Fir woods. L.

*picta* Smith. Fir woods. S.

var. *dentata* Piper. Fir woods. R.

*secunda* L. Fir woods. F.

**Phyllodoce**

*empetriformis* Don. False heather. Cowichan Lake.

**Rhododendron**

*albiflorum* Hook. Mount Brenton, 3,000 feet. R.

**Vaccinium**

*caespitosum* Mich. Blueberry. Margins of lakes. F.

*membranaceum* Dougl. In the mountains. R.

*ovalifolium* Smith. In the mountains. F.

*ovatum* Pursh. Koksilah hills. L.

*parvifolium* Smith. Damp woods. C.

*uliginosum* L. Bogs. R.

**MONOTROPACEAE (INDIAN PIPE FAMILY)****Allotropa**

*virgata* T. & G. Fir woods. S.

**Hypopites**

*Hypopites* Small. Fir woods. R.

**Monotropa**

*uniflora* L. Indian pipe. Fir woods. S.

**Pterospora**

*andromeda* Nutt. Fir woods. R.

**PLUMBAGINACEAE****Statice**

*armeria* L. Thrift. Rocks by shore. R.

**PRIMULACEAE (PRIMROSE FAMILY)****Dodecatheon**

*pauciflorum* Greene. Shooting star. Wet rocks. Cowichan River, etc. F.

**Lysimachia**

*thyrsiflora* L. Loose strift. Lake sides. C.

**Trientalis**

*arctica* Fisch. By lakes. L.

*latifolia* Hook. Star flower. Open woods. F.

**GENTIANACEAE (GENTIAN FAMILY)****Gentiana**

*acuta* Michx. Open places. S.

*sceptrum* Poll. Swamp gentian. By lakes. R.

**Menyanthes**

*trifoliata* L. Buckbean. Margins of lakes. C.

## APOCYNACEAE

**Apocynum**

- androsaemifolium* L. Dogbane. Dry woods. F.  
*cannabinum* L. Shale by Cowichan River. R.

## CONVOLULACEAE (CONVOLVULUS FAMILY)

**Convolvulus**

- arvensis* L. Bindweed. Introduced. F.

**Cuscuta**

- arvensis* Beyrich. Dodder. On clover. S.

## POLEMONIACEAE (PHLOX FAMILY)

**Gilia**

- canitata* Dougl. Shale. R.  
*gracilis* Hook. Gravel. F.  
*grandiflora* Gray. Gravel. S.  
*heterophylla* Dougl. Open woods. F.  
*linearis* Gray. Open woods. S.  
*tenella* Benth. Grassy banks. F.  
*squarrosa* H. & A. Grassy banks. R.

**Phlox**

- Douglasii* Hook. 'Phlox. In the mountains. Cowichan Lake.

## HYDROPHYLLACEAE

**Nemophila**

- parviflora* Dougl. Grove lover. Open woods. F.  
*pedunculata* Dougl. Dry slopes. L.  
*sepulta* Parish. Dry slopes. F.

**Romanzoffia**

- sitchensis* Bong. Cowichan Lake.

## BORAGINACEAE (BORAGE FAMILY)

**Amsinckia**

- lycopsoidea* Lehm, var. *bracteosa*. Alluvial lands. F.

**Allocarya**

- californica* D. C. Damp places. F.

**Lappula**

- echinata* Gil. Stickseed. Introduced. S.

**Myosotis**

- arvensis* Hill. Forget-me-not. Wet places. Cowichan.  
*macrosperma* Eng. Gravel beds. Sahtlam. L.  
*versicolor* Sm. Introduced.

## LABIATEAE (MINT FAMILY)

**Lycopus**

- uniflorus* Mi. Bugleweed. Lake margins. F.

**Marrubium**

- vulgare* L. Horehound. Introduced. L.

**Mentha**

- canadensis* L. Mint. Wet places. F.  
*spicata* L. Introduced. L.

**Micromeria**

- Douglasii* Benth. Dry woods. F.

**Nepeta**

- Cataria* L. Catnip. Introduced. C.  
*hederacea* Trev. Ground Ivy. Introduced. S.

**Prunella**

- vulgaris* L. Seal heal. Open places. C.

**Scutellaria**

- galericulata* L. Skull cap. Margin of Somenos Lake. S.  
*lateriflora* L. Margin of Somenos Lake. F.

**Stachys**

- ciliata* Dougl. Hedge nettle. Wet places. F.

**SCROPHULARIACEAE (FIGWORT FAMILY)****Castilleja**

- angustifolia* var.  
*Bradburyi* Fern. Paint brush. Grassy banks. L.  
*miniata* Dougl. Grassy banks. F.

**Chelone**

- nemorosa* Dougl. Turtle head. Cowichan Lake.

**Collinsia**

- grandiflora* Dougl. "Blue-eyed Mary". Stony places. F.  
 var. *pusilla* Gray. "Blue-eyed Mary". Stony places. F.  
*parviflora* Dougl. Stony places. Maple Bay. R.

**Gratiola**

- virginiana* L. Hedge hyssop. Wet places. V. L.

**Linaria**

- vulgaris* Mill. Toad flax. Introduced. L.

**Mimulus**

- alpinus* Gray. Monkey flower. Cowichan Lake.  
*alsinoides* Dougl. Wet banks. F.  
*Langsdorfii* Don. Wet places. C.  
 var. *nasutus* Greene. Wet rocks. L.  
*Lewisii* Pursh. Cowichan Lake.  
*Moschatus* Dougl. Musk. Wet places. C.

**Orthocarpus**

- attenuatus* Gray. Small paint brush. Sunny banks. Gulf. L.  
*pusillus* Benth. Grassy places. F.

**Penstemon**

- diffusus* Dougl. Beard tongue. Open woods. Cowichan.  
*Menziesii* Hook. Cowichan Lake.

**Veronica**

- arvensis* L. Speedwell. Introduced.  
*americana* Schw. Streams. C.  
*peregrina* L. Wet places. F.  
*scutellata* L. Swamps. F.  
*serpyllifolia* L. Wet places. C.

**OROBANCHACEAE (BROOM RAPE FAMILY)****Boschniakia**

- strobilacea* Gray. Poque. On salal by Cowichan River. V. L.

**Orobanche**

- comosa* Hook. On Grindelia, Gulf Islands. V. L.  
*fasciculata* Nutt. In sand. Menzies Creek. V. L.  
*pinorum* Gey. On firs. Cowichan River. V. L.  
*uniflora* L. Cancer root. On grass etc. Cowichan. F.

**LENTIBULARIACEAE****Pinguicula**

*vulgaris* L. Butterwort. In the mountains. Cowichan L.

**Utricularia**

*vulgaris* L. Bladder-wort. Keatings Lake.

*minor* L. Somenos Lake.

**PLANTAGINACEAE (PLANTAIN FAMILY)****Plantago**

*lanceolata* L. Plantain. Introduced. C.

*major* L. Plantain. Clearings. C.

*maritima* L. By the sea. Cowichan. S.

**RUBIACEAE****Galium**

*aparine* L. Cleavers. Damp places. Cowichan.

*boreale* L. Shaly banks. Cowichan. L.

*trifidum* L. Open places. F.

**CAPRIFOLIACEAE (HONEYSUCKLE FAMILY)****Linnea**

*borealis* L. Twin flower. In fir woods. C.

**Lonicera**

*ciliosa* Poir. Orange honeysuckle. In fir woods. F.

*hispidula* Lindl. Purple honeysuckle. Rocky hillsides. L.

*involucrata* Banks. Bush honeysuckle. By streams. F.

**Sambucus**

*glauca* Nutt. Elder. Open woods. S.

*racemosa* L. Red elder. Wet places. F.

**Symphoricarpus**

*racemosus* Michx. Snowberry. Open woods. F.

var. *pauciflorus* Robbins. Snowberry. Dry woods. S.

**Viburnum**

*pauciflorum* Raf. Bear Lake, near Cowichan Lake.

**VALERIANACEAE (VALERIAN FAMILY)****Valeriana**

*sitchensis* Bong. Valerian. Rocky woods. L.

**Valerianella**

*congesta* D. C. Sea blush. Shaly banks. F.

*samolifolia* K. Open woods. Sahtlam. L.

**CAMPANULACEAE****Campanula**

*rotundifolia* L.

var. *Alaskana*. Bluebell. Rocks. Chem. River. V. L.

*Scouleri* Hook. Dry woods. S.

**Specularia**

*perfoliata* A. D. C. Sandy slopes by Maple Bay. V. L.

**COMPOSITAE (DAISY FAMILY)****Achillea**

*millefolium* L. Yarrow. Dry woods and clearings. C.

**Agroseris**

*heterophylla* Greene. False dandelion. Gravel. Saht-

*laciniata* Greene. Gravel. F. lam. V. L.

- Adenocaulon**  
bicolor Hook. Silver green. Damp woods. F.
- Anaphalis**  
margaritacea Benth. Everlasting. Damp banks. F.
- Anthemis**  
cotula L. Mayweed. Introduced. C.
- Antennaria**  
Howellii Greene. Dry fir woods. S.
- Artemisia**  
ludoviciana Nutt. Sage brush. Open places. S.  
sp. ? Rocks by sea. L.
- Arnica**  
amplexicaulis Nutt. Arnica. Wet rocks. Cowichan  
aspera. Gordon River. Cowichan Lake. River. F.  
latifolia Bong. Rocks by Chemainus River. L.
- Arctium**  
minus Brh. Burdock. Introduced. C.
- Aster**  
Douglasii Lindl. Michaelmas daisy. Open places. C.  
modestus Lindl. Michaelmas daisy. Damp places. F.
- Balsamorhiza**  
deltoidea Nutt. Balsam root. Oak woods. R.
- Bellis**  
perennis L. Daisy. Introduced. F.
- Bidens**  
amplissima Greene. Bur marigold. By Somenos Lake. L.
- Chrysanthemum**  
leucanthemum L. Ox-eyed daisy. Introduced. C.
- Cotula**  
coronopifolia L. Mud, Cowichan Bay. L.
- Carduus**  
arvensis L. Canada thistle. Introduced. F.  
edulis Greene. Open places. S.  
lanceolatus L. Spear thistle. Introduced. V. C.
- Crepis**  
biennis L. Hawksbeard. Introduced. V. C.
- Cichorium**  
Intybus L. Chicory. Introduced. S.
- Crocidium**  
multicaule Hook. Spring daisy. Shaly banks. L.
- Erigeron**  
canadensis L. Fleabane. Introduced. F.  
philadelphicus L. Fleabane. Damp clearings. F.  
strigosus Muhl. Fleabane. Rocks, Chem. River. V. L.
- Eriophyllum**  
caespitosum Dougl. Woolly sunflower. Dry places. L.
- Gnaphalium**  
microcephalum Nutt. Cudweed. Dry woods. L.  
purpureum L. Cudweed. Dry ground. F.  
uliginosum L. Cudweed. Dry ground. C.

**Grindelia**

nana Nutt. Gum weed. Sunny rocks. Gulf. F.

**Hieracium**

albiflorum Hook. Hawk weed. Dry woods. F.  
canadense Mich. By Somenos Lake. R.

**Hypochoeris**

glabra L. Cat's ear. Introduced. L.  
radicata L. Cat's ear. Introduced. V. C.

**Lactuca**

spicata Hitch. Tall lettuce. Damp clearings. F.  
scariola L. Prickly lettuce. Introduced. S.

**Luina**

hypoleuca Benth. Sunny rocks. Chem. River. V. L.

**Madia**

exigua Greene. Tar weed. Dry woods. S.  
glomerata T. & G. Tar weed. Road sides. F.  
madioides Nutt. Tar weed. Dry woods. S.  
racemosa T. & G. Tar weed. Dry woods. F.  
sativa Mol. Tar weed. Clearings, Cobble Hill. L.

**Matricaria**

suaveolens Buck. Pineapple weed. Introduced. C.

**Petasites**

speciosa Nutt. Colt's foot. By streams. F.

**Prenanthes**

alata Gray. Damp woods. Chemainus River. L.

**Rudbeckia**

hirta L. Cone flower. Introduced. R.

**Senecio**

balsamitae Muhl. Ragwort. Gravel. L.  
triangularis Hook. Damp woods. Chemainus River. L.  
vulgaris L. Groundsel. Introduced. F.

**Sericocarpus**

ridigus Lindl. Oak woods. R.

**Solidago**

elongata Nutt. Golden rod. Open woods. F.

**Sonchus**

oleraceus L. Sow thistle. Introduced. C.

**Taraxacum**

officinale Weber. Dandelion. Introduced. V. C.

**Tragopogon**

porrifolius L. Salsify. Introduced. L.





